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› Blink Outdoor 2K+ Wireless Security Camera System User Manual

## Blink Outdoor 2K+

# Blink Outdoor 2K+ Wireless Security Camera System User Manual

## INTRODUCTION

The Blink Outdoor 2K+ is a wireless smart security camera system designed to provide enhanced visual and audio monitoring for your property. This system features 2K video resolution, Color Vision in low light, enhanced two-way audio with noise cancellation, and a two-year battery life. It is built to withstand various weather conditions with an IP-65 rating. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Blink Outdoor 2K+ system.



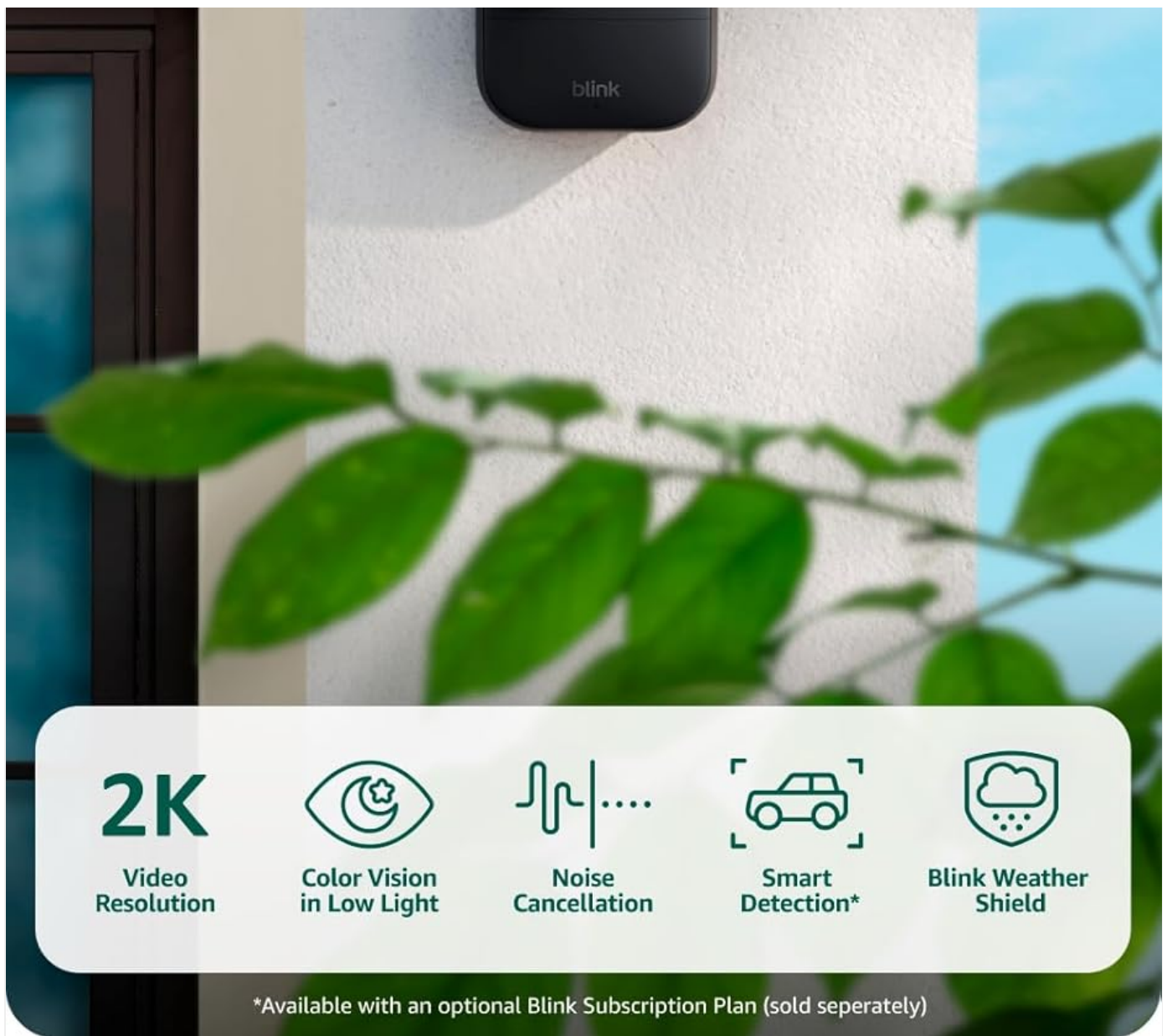


Image: Blink Outdoor 2K+ camera mounted on an exterior wall.

## WHAT'S INCLUDED

Your Blink Outdoor 2K+ system package includes the following components:

- 3 Blink Outdoor 2K+ Cameras
- 1 Blink Sync Module Core
- 6 AA 1.5V Lithium Batteries
- 3 Mounting Kits
- 1 Power Adapter (for Sync Module Core)
- 1 USB-C Cable (for Sync Module Core)

# Up to two-year better life for

# battery life for less frequent maintenance



Image: Blink Outdoor 2K+ camera shown with two AA Energizer lithium batteries.

Follow these steps to set up your Blink Outdoor 2K+ camera system:

1. **Install the Blink Home Monitor App:** Download and install the Blink Home Monitor app on your smartphone. The app is compatible with iOS 17, Android 10, and Fire OS 8 or newer.
2. **Set up the Sync Module Core:**
  - Plug the Sync Module Core into a power outlet using the provided power adapter and USB-C cable.
  - Ensure the Sync Module Core is placed in a central location within your home, away from thick walls or large obstructions, to optimize Wi-Fi signal strength to your cameras.
  - Follow the in-app instructions to connect the Sync Module Core to your 2.4 GHz Wi-Fi network (802.11b/g/n).
3. **Install Batteries in Cameras:** Insert the two included AA 1.5V lithium metal (non-rechargeable) batteries into each Blink Outdoor 2K+ camera.
4. **Add Cameras to the System:**
  - Within the Blink app, select the option to add a new device and follow the prompts to add each camera to your Sync Module Core system.
  - During the connection process, the camera's red LED should flash steadily. If it flashes 4-5 times with a long pause, it may indicate a connection issue.
5. **Mount Cameras:** Use the provided mounting kits to securely install your cameras in desired outdoor locations. Consider the field of view (115° x 62° x 135°) and potential obstructions.

**Connect up to  
10 devices with a  
Blink Sync Module**





Image: Blink Sync Module Core connected to a power source.

## OPERATING THE CAMERA SYSTEM

### Video and Audio Features

- **2K Video Resolution:** The camera captures video at 2560 x 1440 resolution, providing clear and detailed footage.
- **Color Vision in Low Light:** The camera can provide color video in low ambient light conditions before switching to infrared black and white.
- **4x Zoom:** Utilize the digital zoom feature in the app to get a closer look at details within your video feed.
- **Two-Way Audio with Noise Cancellation:** Engage in clear conversations with visitors or deter unwanted activity using the camera's built-in speaker and microphone. Advanced noise cancellation improves audio clarity.

**With 2K clarity,  
see every frame  
like never before**

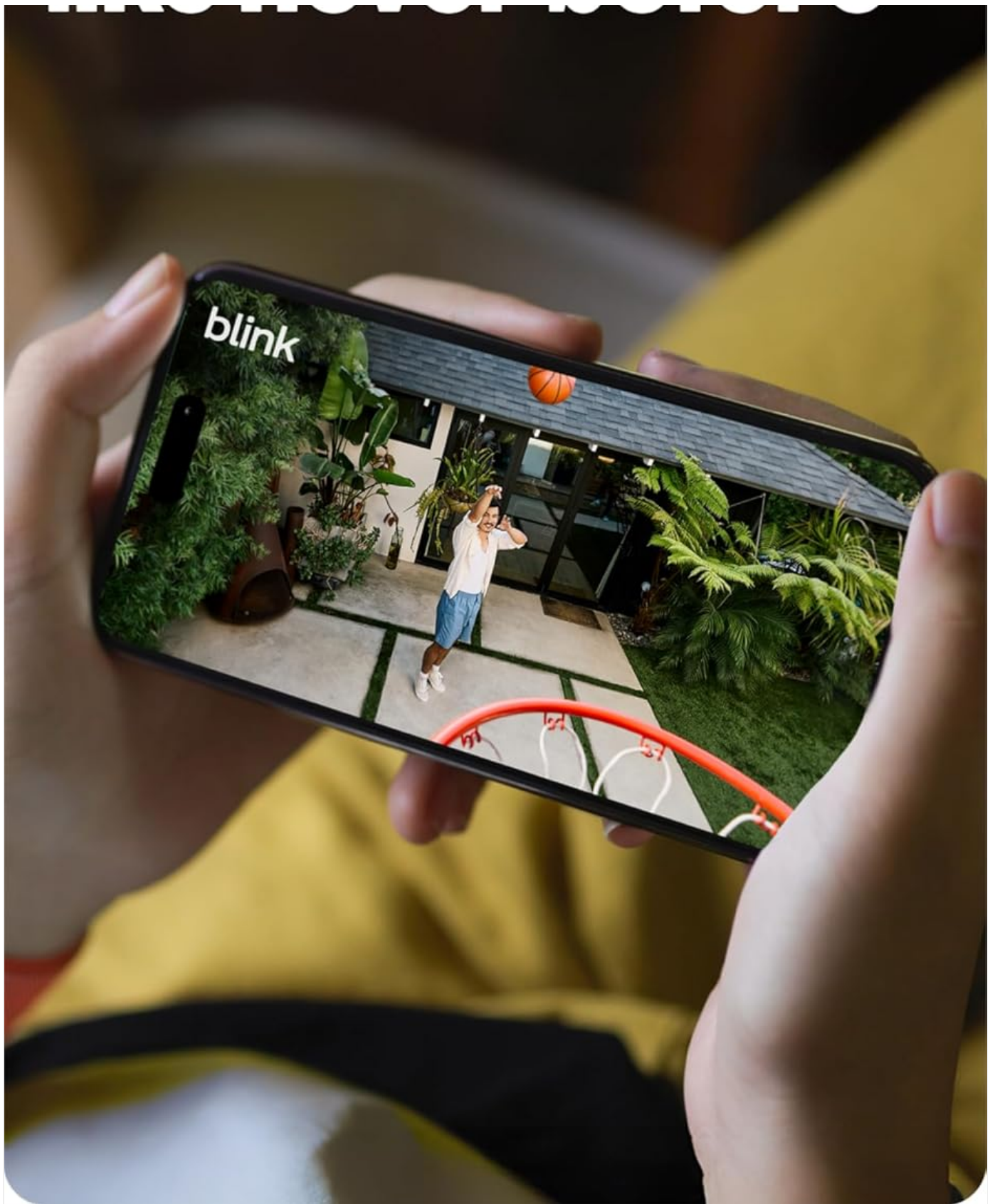


Image: A smartphone screen showing a live 2K video feed from a Blink camera.

## Blink Home Monitor App Usage

The Blink Home Monitor app is your primary interface for managing your camera system:

- **Live View:** Access real-time video from your cameras.
- **Motion Detection:** Configure motion detection settings, including sensitivity and re-trigger time.
- **Smart Detection:** With an optional Blink Subscription Plan, receive smart notifications for person and vehicle detection.

- **Video History:** Review recorded motion clips.
- **Settings:** Adjust camera and system settings, including video quality (Saver, Standard, Best).

# Know more with Blink Video Descriptions

part of an ai plan (sold separately).



**Blink**

A dog is walking in the yard.

now



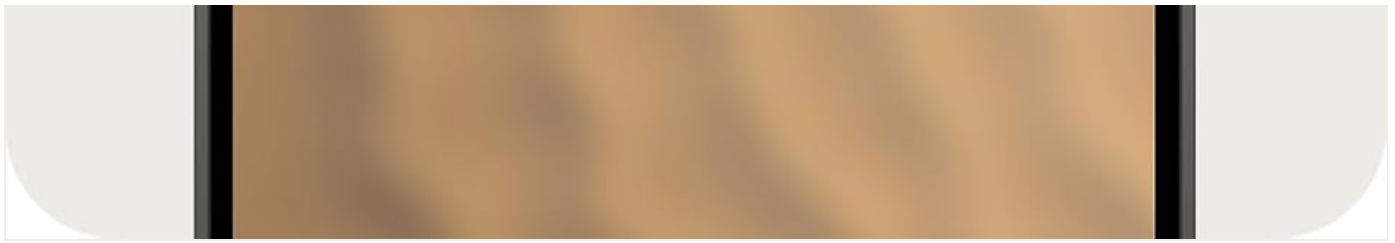


Image: A smartphone screen showing a Blink notification with a video description, indicating smart detection features.

## Night Vision Configuration

To optimize night vision performance, especially for color night vision, adjust settings in the Blink app under "Video and Photo Settings":

- **Night Vision:** This setting has options for Auto, On, or Off.
  - To achieve **Color Night Vision**, set this to **AUTO** or **OFF**. If set to ON, the infrared (IR) lamp will always be illuminated, resulting in black and white footage.
  - In **AUTO** mode, the camera will use color night vision if sufficient ambient light is present; otherwise, it will switch to IR black and white.
  - In **OFF** mode, the camera will always attempt color night vision. If ambient light is insufficient, the image may be too dark.
- **IR Intensity:** Available when Night Vision is set to AUTO. Options are Low, Medium, High.
  - Start with **Low** intensity. Higher settings can wash out details and consume more battery.
  - Test different settings by taking screenshots during live view to compare clarity and detail.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Blink Outdoor 2K+ system:

- **Battery Replacement:** The cameras are powered by two AA 1.5V lithium metal batteries, offering up to two years of battery life under typical use. Replace batteries with new Energizer lithium batteries when indicated by the app. Do not use rechargeable or alkaline batteries, as they may cause issues or damage.
- **Weather Resistance:** The Blink Outdoor 2K+ camera has an IP-65 weather-resistant design, protecting it from rain, dust, and severe weather. Periodically check the camera for any debris accumulation on the lens or housing and clean gently if necessary.
- **Firmware Updates:** Ensure your camera and Sync Module Core firmware are up to date through the Blink Home Monitor app to benefit from the latest features and security enhancements.

**Stand up to rain,  
dust, and severe  
conditions**

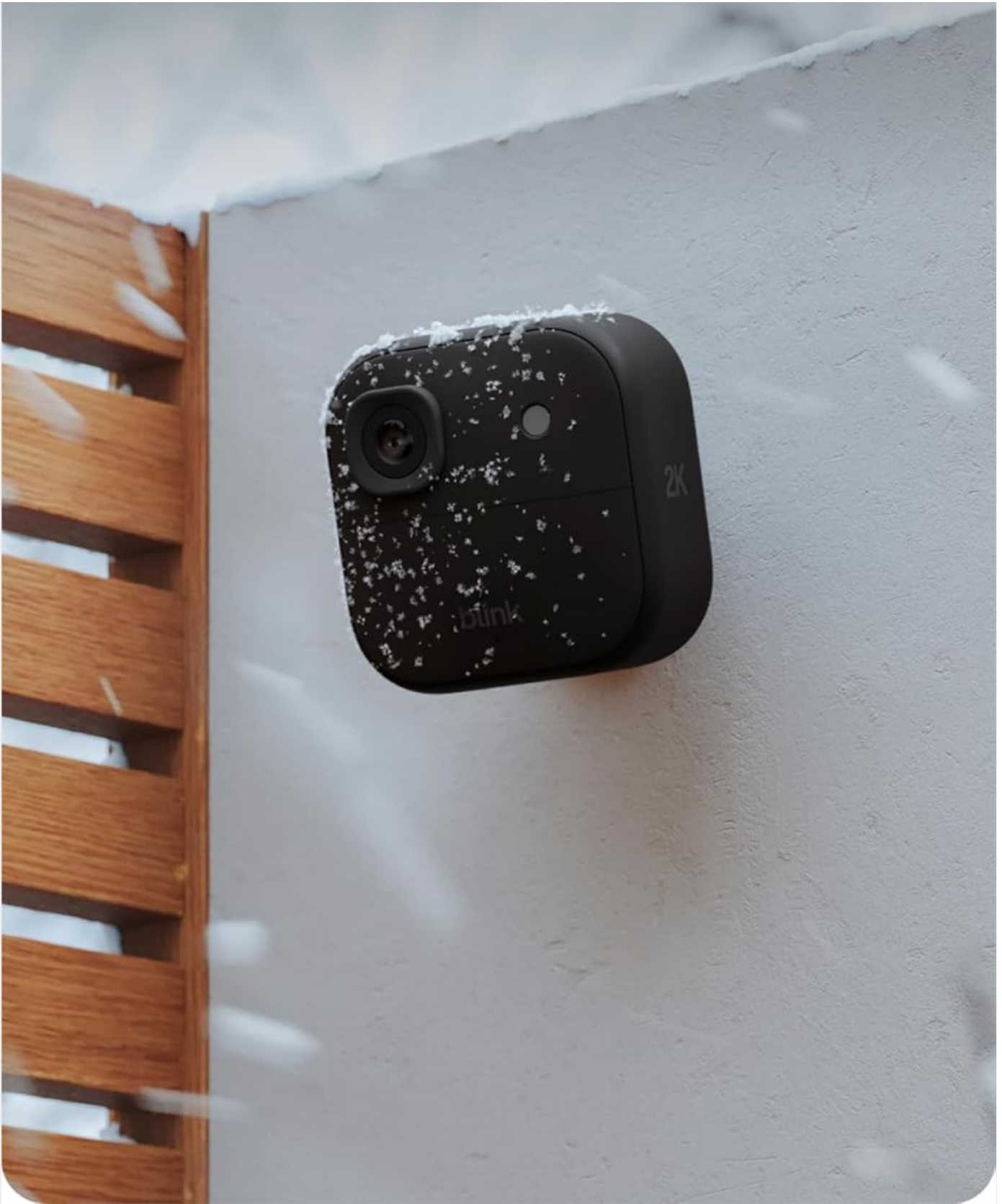


Image: Blink Outdoor 2K+ camera demonstrating its weather resistance in light snow.

## TROUBLESHOOTING

If you encounter issues with your Blink Outdoor 2K+ system, consider the following troubleshooting steps:

- **Camera Connection Issues:** If a camera fails to connect to the Sync Module Core (e.g., red LED flashes 4-5 times with a long pause), try the following:
  - Ensure fresh lithium batteries are correctly installed.

- Restart your Sync Module Core and Wi-Fi router.
- Move the camera closer to the Sync Module Core.
- If issues persist, contact Blink customer service.

- **Wi-Fi Connectivity and Network Speed:**

- The system operates on a 2.4 GHz Wi-Fi network. Ensure your router is configured for this band.
- Avoid using Wi-Fi extenders, as they can interfere with the Sync Module's connection.
- For optimal performance, set your 2.4 GHz Wi-Fi channel to 01, 06, or 11 to minimize overlap and interference.
- Adequate internet upload speed is crucial, especially with multiple cameras. Recommended upload speeds are 2 Mbps for Saver, 3 Mbps for Standard, and 6 Mbps for Best video quality settings.

- **Night Vision "Flair" or "Halo" Effect:** If you observe a bright flair or halo in IR night vision footage, it may be due to the camera being mounted too close to a reflective surface (wall, eve, etc.). Adjust the camera's angle slightly away from the surface to mitigate this effect.
- **General Performance:** If experiencing slow response times or connection delays, ensure your Sync Module Core is positioned in an open area, not against walls or in tight corners, to maximize signal strength.

## SPECIFICATIONS

<b>Field of View</b>	115° x 62° x 135°
<b>Camera Resolution</b>	2K (2560 x 1440)
<b>Aspect Ratio</b>	16:9
<b>Camera Frame Rate</b>	24/25 FPS (Max)
<b>Camera Dimensions</b>	2.8 x 2.8 x 1.6 inches (70mm x 70 mm x 41 mm)
<b>Sync Module Core Dimensions</b>	3.19 in x 1.77 in x 0.85 in (81mm x 45mm x 21.55mm)
<b>Camera Weight</b>	5.0 oz (136 g)
<b>Sync Module Core Weight</b>	1.5 oz (43.6 g)
<b>Camera Electrical Rating</b>	2 AA 1.5V lithium metal (non-rechargeable) batteries
<b>Sync Module Core Power</b>	5V   1A
<b>Wi-Fi Connectivity</b>	2.4 GHz 802.11b/g/n
<b>Minimum Smartphone Requirements</b>	iOS 17, Android 10, Fire OS 8 only
<b>Blink App</b>	Blink Home Monitor
<b>Audio</b>	Two-way talk
<b>Operating Temperature</b>	-4° to 113° F (-20° to 45°C)
<b>Generation</b>	5th Generation

## WARRANTY AND SUPPORT

Your Blink Outdoor 2K+ system comes with a one-year limited warranty and service. For detailed terms, please refer to the official Blink website.

For additional information, setup guides, and troubleshooting assistance, visit the official Blink Outdoor 2K+ support page. You can also find support within the Blink Home Monitor app.

